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Practitioner's Docket No.

Preliminary Classification:

Proposed Class:

Subclass:

NOTE: "All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand comer of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.' " M.P.E.P. § 601, 7th ed.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Box Patent Application** Assistant Commissioner for Patents Washington, D.C. 20231

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filling is the patent application of

Inventor(s): MARK MOIR

WARNING: 37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

TELEVISION PROGRAM GUIDE For (title):

## CERTIFICATION UNDER 37 C.F.R. § 1.10\* (Express Mail label number is mandatory.) (Express Mall certification is optional.)

I hereby certify that this New Application Transmittal and the occuments referred to as attached therein are being deposited with the United States Postal Service on this date January 16, 2001, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL 475584346 U.S dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

(type or print name of person mailing paper)

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

"WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under \$ 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal [4-1]-page 1 of 11)



. Type of Application
This new application is for a(n)
(check one applicable item below)
⊠K Original (nonprovisional)
☐ Design
☐ Plant
WARNING: Do not use this transmittal for a completion in the U.S. of an international Application under 35 U.S.C. § 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
WARNING: Do not use this transmittal for the filing of a provisional application.
NOTE: If one of the following 3 ltems apply, then complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAMAED and a NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.
☐ Divisional.
☐ Continuation.
☐ Continuation-in-part (C-I-P).
Repetit of Prior ILS Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

America, each prior application must name as an inventor at least one inventor named in the later filled orporoisional application and disclose the named inventor invention claimed in at least one claim of the later filled nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

() An international application entitled to a filling date in accordance with PCT Article 11 and

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of

designating the United States of America; or (i) Complete as set forth in § 1.51(b); or

(iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set

(iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(f) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

forth in § 1.16; or

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an international Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATIONS CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application will be application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c), (36 U.S.C. § 144(c)) does not take into account, for the determination of the patent term, any application on which printy is claimed under 35 U.S.C. §§ 119, 365(c)) or 365(c)) for a c-i-p applicant, applicant should review whether any claim in the patent that will issue is supported by an entire application and, if not, the applicant should consider canceling the reference to the earlier field application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 6 Ped. Peg. 20, 1955, at 20,205.

(New Application Transmittal [4-1]-page 2 of 11)

(Ral 80—7/99 Pub 605) FORM 4-1 4—

WARNING	When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.76(k)(3).
ХX	The new application being transmitted claims the benefit of prior US-application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3. Paper	s Enclosed
	uired for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 sign) Application
7 Pa	ages of specification
_2_ Pa	ages of claims
_1_ S	neets of drawing
WARNING	DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a petent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shirly paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).
in ti o	centifyin indicia, if provided, should include the application number or the title of the invention, ventor's name, docket number (if any), and the name and telephone number of a person to clied to office is unable to match the drawings to the proper application. This information should be placed the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top the page 1. "37 C.F.R. § 1.44(c)).
	(complete the following, if applicable)
	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." C7 C.F.R. § 1.84(b).
	formal
X	Informal
B. Oth	er Papers Enclosed
_2_ F	ages of declaration and power of attorney
L_F	ages of abstract
	ther
4. Addit	ional papers enclosed
	Amendment to claims
	<ul> <li>Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)</li> </ul>
	<ul> <li>Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)</li> </ul>
ХX	Preliminary Amendment

☐ Information Disclosure Statement (37 C.F.R. § 1.98)☐ Form PTO-1449 (PTO/SB/08A and 08B)

☐ Citations

		ation of Biological Deposit	
	pertai	ssion of "Sequence Listing," computer readable copy and/or amendme ling thereto for biotechnology invention containing nucleotide and/ acid sequence.	nt or
	Autho tive	ization of Attorney(s) to Accept and Follow Instructions from Represent	a-
	Speci	d Comments .	
	Other		
		or oath (including power of attorney)	
ti b a, ti b d p	ne prior in pplication pplication ne signation a state lecing file declaration person un executed	recuted declaration is not required in a continuation or divisional application provided it on provisional application contained a declaration as required, the application being filed where than all the inventors named in the prior application, there is no new matter in being filed, and a copy of the executed declaration filed in the prior application (show or or an indication thereon that it was signed is submitted. The copy must be accompan- nent requesting deletion of the names of person(s) who are not inventors of the application. If the declaration in the prior application was filed under § 1.47, then a copy of it must be filed accompanied by a copy of the decision granting § 1.47 status or, if a norsign declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)–(3).	is the ing ied ion hat ing ntly
is a C	s directed abbreviati country of C.F.R. §	on filed to complete an application must be executed, identify the specification to which identify each inventor by full name including tentify name and at least one given name, with in together with any other given name or initial, and the residence, post office address a citizenship of each inventor, and state whether the inventor is a sole or joint inventor. \$3(3)(1)-(4)	out and 37
e i: t	s prescri s prescri s that inv	torship of a nonprovisional application is that inventorship set forth in the ceth or declarat sed by § 1.62, except as provided for in § 1.53(d) and § 1.63(d). If an oath or declarat sed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventors intorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition un raph accompanied by the fee set forth in § 1.17(d) is filed supplying or changing the na of the inventor or inventors. 37 C.F.R. § 1.41(a)(1).	non hip der
EX	Encid	sed	
	Exec	ited by	
		(check all applicable boxes)	
	XX i	nventor(s).	
	;	egal representative of inventor(s). 7 C.F.R. §§ 1.42 or 1.43.	
		oint inventor or person showing a proprietary on terest on behalf of inventor who refused to sign or cannot be reached.	
		This is the petition required by 37 C.F.R. § 1.47 and the statem required by 37 C.F.R. § 1.47 is also attached. See item 13 befor fee.	ent
		Enciosed.	
	the U.S. may be FOR NE	e filing is a completion in the U.S. of an international Application or where the completion application contains subject matter in addition to the international Application, the applica- related as a continuation or continuation-in-part, as the case may be, utilizing ADDED P. Y APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIM	AGE MED.
		Application is made by a person authorized under 37 C.F.R. § 1.41(c) pehalf of all the above named inventor(s).	on
		(New Application Transmittal [4-1]—page 4 o	(,11)

ORM 4-1 4-

7.

(The de	eclaratio	on or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
		☐ Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
		Statement
WARNING	: If the owne subm	named inventors are each not the inventors of all the claims an explanation, including the riship of the various claims at the time the last claimed invention was made, should be litted.
The inve	entorsh	ip for all the claims in this application are:
XX	The s	ame.
		or
	Not the	e same. An explanation, including the ownership of the various claims at ne the last claimed invention was made,
	□ is	submitted.
	□ w	fill be submitted.
7. Langu	age	
A re	n English equired b	ation including a signed cath or declaration may be filed in a language other than English. It translation of the non-English language application and the processing fee of \$130.00 y 37 C.F.R. § 1.17(b) is required to be filed with the application, or within such time as may the Office. 37 C.F.R. § 1.52(d).
⊠K.	Englis	h
	Non-E	English
		he attached translation includes a statement that the translation is accuate. 37 C.F.R. § 1.52(d).
8. Assig	nment	PACE MICRO TECHNOLOGY PLC
⊠ĸ	An as	signment of the invention to
		s attached. A separate ⊠X"COVER SHEET FOR: ASSIGNMENT (DOCU- MENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 595 is also attached.
		viil foliow.
NOTE: "	lf an assi	gnment is submitted with a new application, send two separate letters-one for the application

and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).

WARNING: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

(New Application Transmittal [4-1]-page 5 of 11)

			Filed
Country	Appin. No.		Llied
Country	Appin. No.		Filed
Country	Appin. No.		Filed
from which priority is claim	ed		
is (are) attached	•		
XXX will follow.			
declaration. 37 C.F.R.			
U.S. application or Inter	eign priority for which the applice mational Application from which to o priority from a prior foreign appl PLICATION TRANSMITTAL WHER	his application cl ication, then com	aims benefit under 35 U.S.C oplete item 18 on the ADDEI
10. Fee Calculation (37	C.F.R. § 1.16)		
A. XX Regular applicat	tion		
	CLAIMS AS FILED	)	
Number filed	Number Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$760.00
Total Claims (37 C.F.R. § 1.16(c))	- 20 = ×	\$ 18.00	
Independent			
Claims (37 C.F.R.			
§ 1.16(b))	- 3 = ×	\$ 78.00	
Multiple dependent clalm(s if any (37 C.F.R. § 1.16(c		\$260.00	
☐ Amendment ca	ncelling extra claims is end	closed.	
<ul> <li>Amendment de</li> </ul>	leting multiple-dependence	es is enciose	d.
	laims is not being paid at		
prior to the expiration	ms are not paid on filing they must of the time period set for respon by. 37 C.F.R. § 1.16(d).	be paid or the cla se by the Patent	aims cancelled by amendment and Trademark Office in a 710.00
	Filing Fee Calculation		\$
	<del>-</del>		
B. ☐ Design applicat (\$310.00—37 C			

c. 🗆	Plant application (\$480.00—37 C		
	(\$480.00—37 C	Filing fee calculation	¢
44 0		-	Ψ
_	nali Entity Stateme	• •	
	ls (are) attached	l.	tity under 37 C.F.R. § 1.9 and 1.27
WARNI	the status is available the status is available affect any other a indirectly depende reliling of an application. A nor 355(c) of a prior application or in the statement in the places of the statement in the properties of the payr for purposes of the statement.	able and desired. Status as a small application or patent, including application or patent in action under § 1.53 as a continuation cution application under § 1.53 as a continuation cution application under § 1.53(d), on as to continued entitlement to a provisional application, or a reissure application be patent if the nonprovisional application the patent if the prior application crief under the small entity basic statuton this section." 37 C.F.R. § 1.28(a)(2).	shed in each application or patent in which entity in one application or patent does not plications or patents which are directly or which the status has been established. The nr, division, or continuation-in-part (including or the filing of a reissue application requires nail entity status for the continuing or reissue nefit under 35 U.S.C. § 119(e), 120, 121, or nay rely on a statement filed in the prior lication or the reissue application includes a or in the patent or includes a copy of the of status as a small entity is still proper and y filing fee will be treated as such a reference
WARNI		ly make the required self-certification	person or persons signing the statement vn." M.P.E.P., § 509.03, 6th ed., rev. 2, July
		complete the following, if a	oplicable)
Е	] Status as a sm	all entity was claimed in pri	or application
	/	, filed on	, from which benefit
	is being claime	d for this application under:	
	35 U.S.C. § [		
		☐ 120 <b>,</b>	
		□ 121, □ 365(c),	
		_	
		itus as a small entity is still	
	☐ A copy of	the statement in the prior	application is included.
	Filing Fee	Calculation (50% of A, B or	C above)
		\$	
NOTE:	are filed within 2 mor	fee paid will be refunded If small ent nths of the date of timely payment .136. 37 C.F.R. § 1.28(a).	itiy status is established and a refund request t of a full fee. The two-month period is not
12. Re	quest for Interna	tional-Type Search (37 C.F	.R. § 1.104(d))
		(complete, if applicab	ile)
		an international-type search examination on the merits to	report for this application at the time akes place.

13. Fee Payment Being Made at This Tim	10
□ Not Enclosed	
No filing fee is to be paid at (This and the surcharge requestly.)	this time. ulred by 37 C.F.R. § 1.16(e) can be paid
X⊠ Enclosed	710.00
⊠x Filling fee	\$
Recording assignment (\$40.00; 37 C.F.R. § 1.21(n)) (See attached "COVER SHEE ASSIGNMENT ACCOMPANY APPLICATION".)	T FOR
☐ Petition fee for filing by other Inventors or person on behalt where Inventor refused to sign reached (\$130.00; 37 C.F.R. §§ 1.47	If of the inventor on or cannot be
☐ For processing an application specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(	n with a
Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53)	(d) and 1.21(l)) \$
Fee for International-type set (\$40.00; 37 C.F.R. § 1.21(e))	\$
failing to complete the application pursuant t	essing and retaining any application that is abandoned for to 3T C.F.R. § 1.53(f) and this, as well as the changes to t in order to obtain the benefit of a prior U.S. application, e processing and retention fee of § 1.21(f) must be paid,
Total fees enc	losed \$
14. Method of Payment of Fees	
★ Check in the amount of \$ 750	.00
	in the amount of
\$A duplicate of this transmittal Is	attached.
NOTE: Fees should be itemized in such a manner the § 1.22(b).	at it is clear for which purpose the fees are peld. 37 C.F.R.

(New Application Transmittal [4-1]—page 8 of 11)

## 15. Authorization to Charge Additional Fees

WARNING: If no fees are to be paid on filing, the following items should not be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 08-1500

TX 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

XX 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

XXX 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

XXX 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).

XXX 37 C.F.R. § 1.17 (application processing fees)

- NOTE: \*. A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time 6es will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission.\* 37 C.F.R. § 1.186(x).
  - 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b).

(New Application Transmittal [4-1]-page 9 of 11)

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16	Instructions	as to	Overnavment

6. Instructions as to Overpayment	
a reasonable time, nor will the payer be	or less will not be returned unless specifically requested within a notified of such amounts; amounts over twenty-five dollars may by credit to a deposit account." 37 C.F.R. § 1.26(a).
Credit Account No. 08-15	00
☐ Refund	
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	Whow Metapheen
Reg. No. 32,840	SIGNATURE OF PRACTITIONER
leg. No. 32,840	MARK G. KACHIGIAN
-1 1 - 4918 587-2000	(type or print name of attorney)
el. No. (918) 587-2000	228 West 17th Place
	P.O. Address
Customer No. 24,118	Tulsa, Oklahoma 74119

(New Application Transmittal [4-1]-page 10 of 11)

	by	reference	of	added	pages
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(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAWED)

Σ	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S Application(s) Claimed
	Number of pages added
	Plus Added Pages for Papers Referred to In Item 4 Above
	Number of pages added
	Plus added pages deleting names of inventor(s) named in prior application(s who is/are no longer inventor(s) of the subject matter claimed in this application
	Number of pages added
	Plus "Assignment Cover Letter Accompanying New Application"
	Number of pages added
State	ment Where No Further Pages Added
	no further pages form a part of this Transmittal, then end this Transmittal with is page and check the following item)
	This transmittal ands with this nage

18.	Relate	Back-35	U.S.C.	8 119	Priority	Claim	for	Prior	Appl	icati	on
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The prior U.S. application(s), including any prior International Application designating the U.S., Identified above in item 17B, in turn itself claim(s) foreign priority(les) as follows:

	U.K.	0001424.1	22 January 2	000				
	Country	Appin. no.	Filed on					
The cert	tified copy(les) has (have)							
	been filed onfiled on	_, in prior application	on 0 /	, which was				
₽x	is-(are)-attached- Wi	ill follow						
WARNING	i: The cartified copy of the pri- tive International Bureau may application in the continuin application communicated b a U.S. serial number unless th stage is not entered. Therefore prossecution of a continuing of occuments from the folders a to request transfer, retrieve the enter and make a record of a the priority documents. In fel- stage may not be reflect on.	not be relied on without in graphication. This is a graphication. This is a y the International Bure en attional stage is entere we, such certified copies pupilication. An alternative of the continuation of such copies in the Continuation of ders. of international ago.	any need to file a certified on because the certified of au is placed in a folder as d. Such folders are dispos s may not be available if ir e would be to physically ontinuing application. The record notations, transfer to uing Application are subst blications that have not e	copy of the priority copy of the priority nd is not assigned and of if the national needed later in the remove the priority resources required the certified copies, antial. Accordingly,				
19. Mai	ntenance of Copende	ncy of Prior Ap	pilcation					
NOTE: The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the papers constituting the filing of the continuation application. Notice of November 5, 1985 (1660 0.0. 27).								
A. 🗆	Extension of time in price	r application						
(This item must be completed and the papers filed in the prior application, if the period set in the prior application has run.)								
	A petition, fee and response	onse extends the te	rm in the pending p	rior application				
	☐ A copy of the petiti	on filed in prior ap	pilcation is attached					
В. 🗆	Conditional Petition for	Extension of Time	in Prior Application.					
	(complete this it	em, if previous iten	n not applicable)					
	A conditional petition for application.	r extension of time	is being filed in the	pending prior				
	☐ A copy of the cond	itional petition filed	in the prior applicat	ion is attached.				